

**Fitchburg Gas and Electric Light Company**  
**Standard Offer Service Typical Bill Analysis - May 17, 2002 Electric Division Rate Request**  
**Impact on GD-3 Rate Customers**

	<b>Average Monthly kVa</b>	<b>Average On Peak kWh</b>	<b>Average Off Peak kWh</b>	<b>Benchmark Rates Total Revenue</b>	<b>Proposed Rates Total Revenue</b>	<b>Total Difference</b>	<b>% Total Difference</b>
1.	482	101,113	67,751	\$18,331.90	\$15,875.60	(\$2,456.30)	-13.4%
2.	414	100,561	116,119	\$21,146.71	\$18,235.88	(\$2,910.83)	-13.8%
3.	2,316	495,205	487,378	\$100,388.38	\$84,698.40	(\$15,689.98)	-15.6%
4.	1,079	256,924	339,390	\$57,195.18	\$48,470.00	(\$8,725.19)	-15.3%
5.	501	101,735	103,038	\$21,029.04	\$18,137.55	(\$2,891.49)	-13.7%
6.	1,568	381,201	316,649	\$71,444.66	\$60,422.27	(\$11,022.39)	-15.4%
7.	439	45,636	56,140	\$11,841.75	\$10,432.48	(\$1,409.27)	-11.9%
8.	1,255	270,650	293,957	\$56,719.81	\$48,072.10	(\$8,647.71)	-15.2%
9.	627	97,705	121,250	\$22,934.94	\$19,736.37	(\$3,198.57)	-13.9%
10.	517	74,231	46,070	\$14,507.41	\$12,668.36	(\$1,839.04)	-12.7%
11.	2,728	546,509	474,689	\$107,715.31	\$90,844.74	(\$16,870.57)	-15.7%
12.	674	125,872	123,358	\$26,163.92	\$22,444.53	(\$3,719.38)	-14.2%
13.	470	53,890	81,076	\$14,639.93	\$12,779.24	(\$1,860.69)	-12.7%
14.	2,229	560,925	744,552	\$124,112.46	\$104,593.72	(\$19,518.74)	-15.7%
15.	3,556	552,774	445,649	\$112,885.57	\$95,183.97	(\$17,701.60)	-15.7%
16.	4,943	818,953	906,852	\$182,005.17	\$153,155.42	(\$28,849.75)	-15.9%
17.	302	67,942	86,758	\$15,050.64	\$13,123.04	(\$1,927.60)	-12.8%
18.	508	74,263	93,023	\$17,742.58	\$15,381.40	(\$2,361.18)	-13.3%
19.	963	168,697	125,216	\$32,719.06	\$27,943.11	(\$4,775.95)	-14.6%
20.	703	95,517	45,476	\$17,993.15	\$15,592.39	(\$2,400.76)	-13.3%
21.	1,546	385,751	272,837	\$68,618.82	\$58,052.40	(\$10,566.42)	-15.4%
22.	486	70,169	71,680	\$15,666.13	\$13,639.95	(\$2,026.18)	-12.9%
23.	355	85,217	86,571	\$17,114.67	\$14,854.24	(\$2,260.43)	-13.2%
24.	501	104,709	115,050	\$22,158.90	\$19,085.08	(\$3,073.82)	-13.9%
25.	469	98,785	101,163	\$20,360.23	\$17,576.54	(\$2,783.69)	-13.7%
26.	1,547	286,829	209,423	\$54,663.12	\$46,348.56	(\$8,314.56)	-15.2%
27.	4,065	939,910	1,217,544	\$208,488.90	\$175,362.03	(\$33,126.87)	-15.9%
28.	398	97,848	97,237	\$19,424.58	\$16,791.60	(\$2,632.99)	-13.6%
29.	606	148,473	118,935	\$27,480.56	\$23,548.50	(\$3,932.06)	-14.3%
30.	424	96,643	105,969	\$20,132.40	\$17,385.29	(\$2,747.11)	-13.6%
31.	768	143,902	96,949	\$26,789.73	\$22,969.79	(\$3,819.93)	-14.3%
32.	303	73,527	93,717	\$16,086.09	\$13,991.41	(\$2,094.68)	-13.0%
33.	369	55,155	44,438	\$11,373.08	\$10,039.19	(\$1,333.88)	-11.7%
34.	566	50,556	28,969	\$11,415.77	\$10,075.78	(\$1,339.99)	-11.7%
35.	199	43,316	28,974	\$7,793.83	\$7,036.85	(\$756.98)	-9.7%

<b>Benchmark Rates - Effective 8/1/97:</b>				<b>Proposed Rates - Effective 6/1/2002:</b>			
		<b>GD-3</b>				<b>GD-3</b>	
<b><u>Delivery Charges:</u></b>				<b><u>Delivery Charges:</u></b>			
Customer Charge		\$0.16		Customer Charge		\$500.00	
	<b>All kVA</b>	<b>kWh</b>			<b>All kVA</b>	<b>kWh</b>	
Internal Transmission	\$0.21	\$0.00089	On Peak	Internal Transmission	\$0.21	\$0.00130	On Peak
		\$0.00020	Off Peak			\$0.00061	Off Peak
External Transmission	N/A	\$0.00000	All	External Transmission		\$0.00158	All
Transmission Subtotals	\$0.21	\$0.00089	On Peak	Transmission Subtotals	\$0.21	\$0.00288	On Peak
		\$0.00020	Off Peak			\$0.00219	Off Peak
Distribution	\$3.94	\$0.01636	On Peak	Distribution	\$3.50	\$0.01449	On Peak
		\$0.00369	Off Peak			\$0.00327	Off Peak
Seabrook Amortization Surcharge	N/A	\$0.00710	All	Seabrook Amortization Surcharge		\$0.00710	All
Conservation Charge	\$3.94	\$0.00154	All	Distribution Subtotals	\$3.50	\$0.02159	On Peak
Distribution Subtotals		\$0.02500	On Peak			\$0.01037	Off Peak
		\$0.01233	Off Peak				
Access Charge	\$2.96	\$0.03169	On Peak	Energy Efficiency Charge		\$0.00250	All
		\$0.02215	Off Peak	Renewable Resources Charge		\$0.00075	All
				Default Service Adjustment		\$0.00000	All
				Transition Charge	\$2.99	\$0.01088	On Peak
						\$0.00122	Off Peak
<b><u>Supplier Charges:</u></b>				<b><u>Supplier Charges:</u></b>			
Generation Charge*	N/A	\$0.02800	All	Generation Charge*			
						\$0.04200	All
Totals	\$7.11	\$0.08558	On Peak			\$0.08060	On Peak
		\$0.06268	Off Peak			\$0.05903	Off Peak
<b>Inflation Adjustment</b>		12.30%		<b>Totals</b>	<b>\$6.70</b>		

\* Standard Offer Service, excluding Fuel Adjustment.

**Fitchburg Gas and Electric Light Company**  
**Standard Offer Service Typical Bill Analysis - May 17, 2002 Electric Division Rate Request**  
**Impact on GD-3 Rate Customers**

	<b>Average Monthly kVa</b>	<b>Average On Peak kWh</b>	<b>Average Off Peak kWh</b>	<b>Present Rates Total Revenue</b>	<b>Proposed Rates Total Revenue</b>	<b>Total Difference</b>	<b>% Total Difference</b>
1.	482	101,113	67,751	\$17,991.48	\$18,283.59	\$292.11	1.6%
2.	414	100,561	116,119	\$21,065.66	\$21,325.73	\$260.07	1.2%
3.	2,316	495,205	487,378	\$99,348.25	\$98,710.04	(\$638.22)	-0.6%
4.	1,079	256,924	339,390	\$57,122.22	\$56,973.44	(\$148.78)	-0.3%
5.	501	101,735	103,038	\$20,796.14	\$21,057.62	\$261.48	1.3%
6.	1,568	381,201	316,649	\$70,683.70	\$70,373.62	(\$310.08)	-0.4%
7.	439	45,636	56,140	\$11,518.09	\$11,883.80	\$365.72	3.2%
8.	1,255	270,650	293,957	\$56,266.60	\$56,123.39	(\$143.21)	-0.3%
9.	627	97,705	121,250	\$22,618.76	\$22,858.66	\$239.90	1.1%
10.	517	74,231	46,070	\$14,048.31	\$14,383.86	\$335.55	2.4%
11.	2,728	546,509	474,689	\$106,128.10	\$105,407.03	(\$721.06)	-0.7%
12.	674	125,872	123,358	\$25,795.24	\$25,998.55	\$203.30	0.8%
13.	470	53,890	81,076	\$14,369.88	\$14,703.84	\$333.96	2.3%
14.	2,229	560,925	744,552	\$124,117.59	\$123,209.82	(\$907.76)	-0.7%
15.	3,556	552,774	445,649	\$110,200.67	\$109,421.48	(\$779.19)	-0.7%
16.	4,943	818,953	906,852	\$179,328.52	\$177,765.41	(\$1,563.12)	-0.9%
17.	302	67,942	86,758	\$14,999.87	\$15,329.07	\$329.20	2.2%
18.	508	74,263	93,023	\$17,468.13	\$17,766.90	\$298.77	1.7%
19.	963	168,697	125,216	\$32,005.20	\$32,134.32	\$129.11	0.4%
20.	703	95,517	45,476	\$17,306.84	\$17,602.96	\$296.12	1.7%
21.	1,546	385,751	272,837	\$67,721.82	\$67,443.85	(\$277.97)	-0.4%
22.	486	70,169	71,680	\$15,340.38	\$15,662.72	\$322.34	2.1%
23.	355	85,217	86,571	\$16,998.13	\$17,303.95	\$305.82	1.8%
24.	501	104,709	115,050	\$21,970.21	\$22,218.85	\$248.64	1.1%
25.	469	98,785	101,163	\$20,158.74	\$20,427.79	\$269.05	1.3%
26.	1,547	286,829	209,423	\$53,544.69	\$53,425.11	(\$119.58)	-0.2%
27.	4,065	939,910	1,217,544	\$207,991.81	\$206,127.32	(\$1,864.49)	-0.9%
28.	398	97,848	97,237	\$19,293.88	\$19,573.51	\$279.63	1.4%
29.	606	148,473	118,935	\$27,173.40	\$27,361.74	\$188.34	0.7%
30.	424	96,643	105,969	\$20,002.93	\$20,274.53	\$271.60	1.4%
31.	768	143,902	96,949	\$26,208.03	\$26,404.33	\$196.30	0.7%
32.	303	73,527	93,717	\$16,058.86	\$16,376.31	\$317.44	2.0%
33.	369	55,155	44,438	\$11,088.36	\$11,459.38	\$371.01	3.3%
34.	566	50,556	28,969	\$10,839.14	\$11,209.80	\$370.67	3.4%
35.	199	43,316	28,974	\$7,656.17	\$8,067.71	\$411.54	5.4%

Present Rates - Effective 1/1/2002:				Proposed Rates - Effective 6/1/2002:			
		GD-3				GD-3	
<u>Delivery Charges:</u>				<u>Delivery Charges:</u>			
Customer Charge		\$0.13		Customer Charge		\$500.00	
	<u>All kVA</u>	<u>kWh</u>			<u>All kVA</u>	<u>kWh</u>	
Internal Transmission	\$0.21	\$0.00130	On Peak	Internal Transmission	\$0.21	\$0.00130	On Peak
		\$0.00061	Off Peak			\$0.00061	Off Peak
External Transmission	\$0.00	\$0.00158	All	External Transmission	\$0.00	\$0.00158	All
Transmission Subtotals	\$0.21	\$0.00288	On Peak	Transmission Subtotals	\$0.21	\$0.00288	On Peak
		\$0.00219	Off Peak			\$0.00219	Off Peak
Distribution	\$2.70	\$0.01117	On Peak	Distribution	\$3.50	\$0.01449	On Peak
		\$0.00252	Off Peak			\$0.00327	Off Peak
Seabrook Amortization Surcharge	\$0.00	\$0.00710	All	Seabrook Amortization Surcharge	\$0.00	\$0.00710	All
Distribution Subtotals	\$2.70	\$0.01827	On Peak	Distribution Subtotals	\$3.50	\$0.02159	On Peak
		\$0.00962	Off Peak			\$0.01037	Off Peak
Energy Efficiency Charge		\$0.00250	All	Energy Efficiency Charge		\$0.00250	All
Renewable Resources Charge		\$0.00075	All	Renewable Resources Charge		\$0.00075	All
Default Service Adjustment		\$0.00000	All	Default Service Adjustment		\$0.00000	All
Transition Charge	\$3.88	\$0.01529	On Peak	Transition Charge	\$2.99	\$0.01088	On Peak
		\$0.00277	Off Peak			\$0.00122	Off Peak
<u>Supplier Charges:</u>				<u>Supplier Charges:</u>			
Generation Charge*		<u>\$0.05626</u>	All	Generation Charge*		<u>\$0.05626</u>	All
Totals	\$6.79	\$0.09595	On Peak	Totals	\$6.70	\$0.09486	On Peak
		\$0.07409	Off Peak			\$0.07329	Off Peak

\* Standard Offer Service, including Fuel Adjustment